

NCIR-HIE Interface

Status and Next steps

NCIR overview

- Repository of Immunization information for all NC citizens
- Up-to date Immunization history
- Recommendations - What's next immunization?
- Client , provider, county and state level reports.

What's attractive:

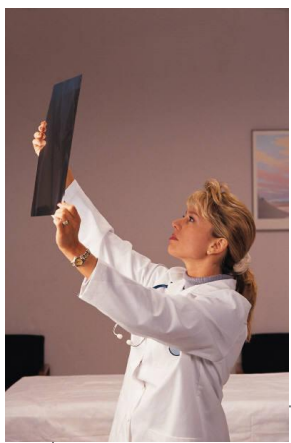
- Over 6 million clients and 60 million immunizations
- Currently used by 1200+ providers
- High quality data enables use as a clinical tool

Project Goals

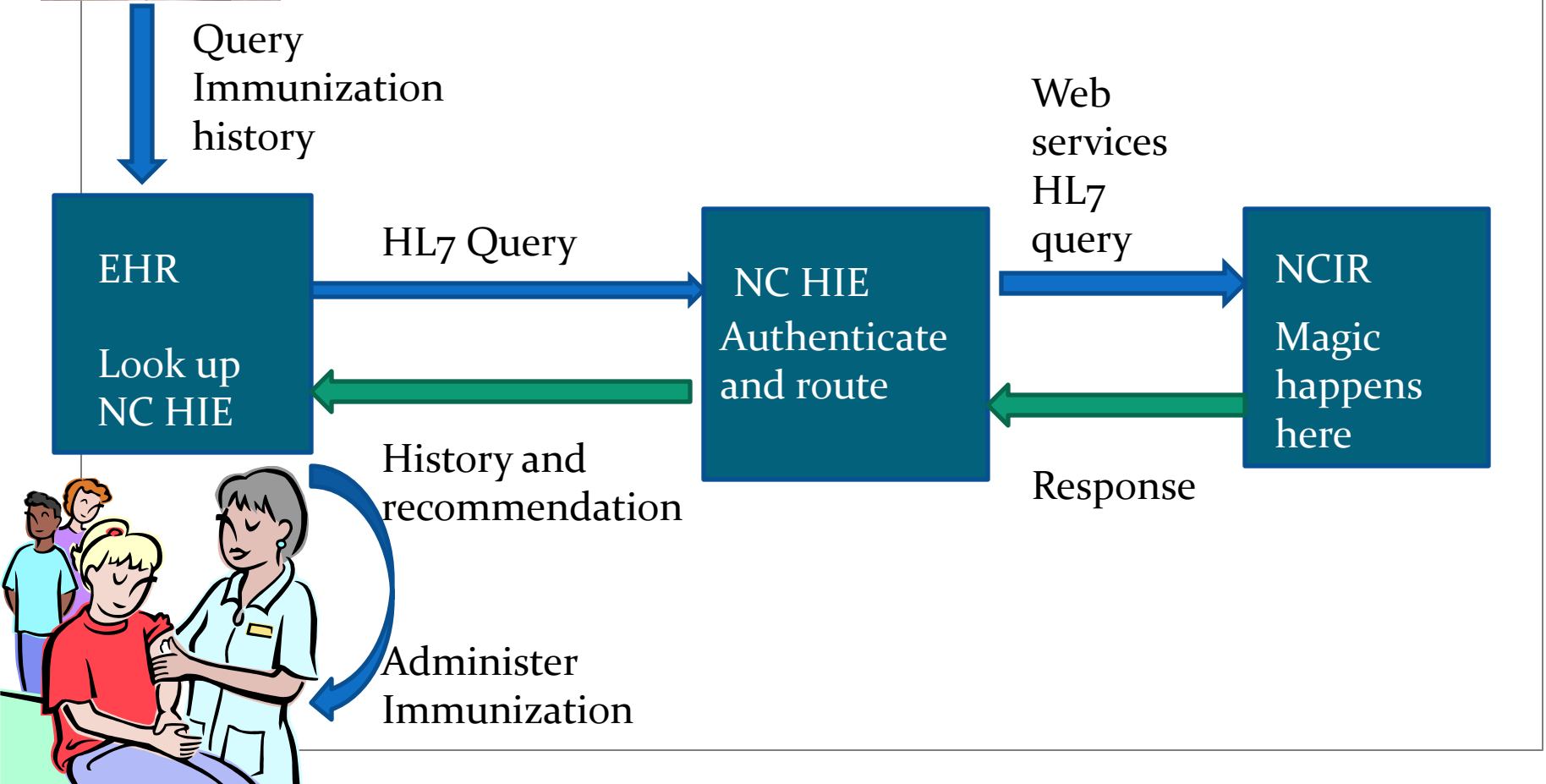
- Exchange Immunization information between NCIR and EMR system using NC HIE.
- Required functionality for Meaningful Use Stage II
- Establish On-boarding methodology for NCIR
- Complete Pilot and apply lessons learned

Business workflow

- Real time Query and Response
 - Provider queries for immunization history and recommendations at the point of encounter
- Real time Update
 - Provider administers an immunization and sends an update transaction



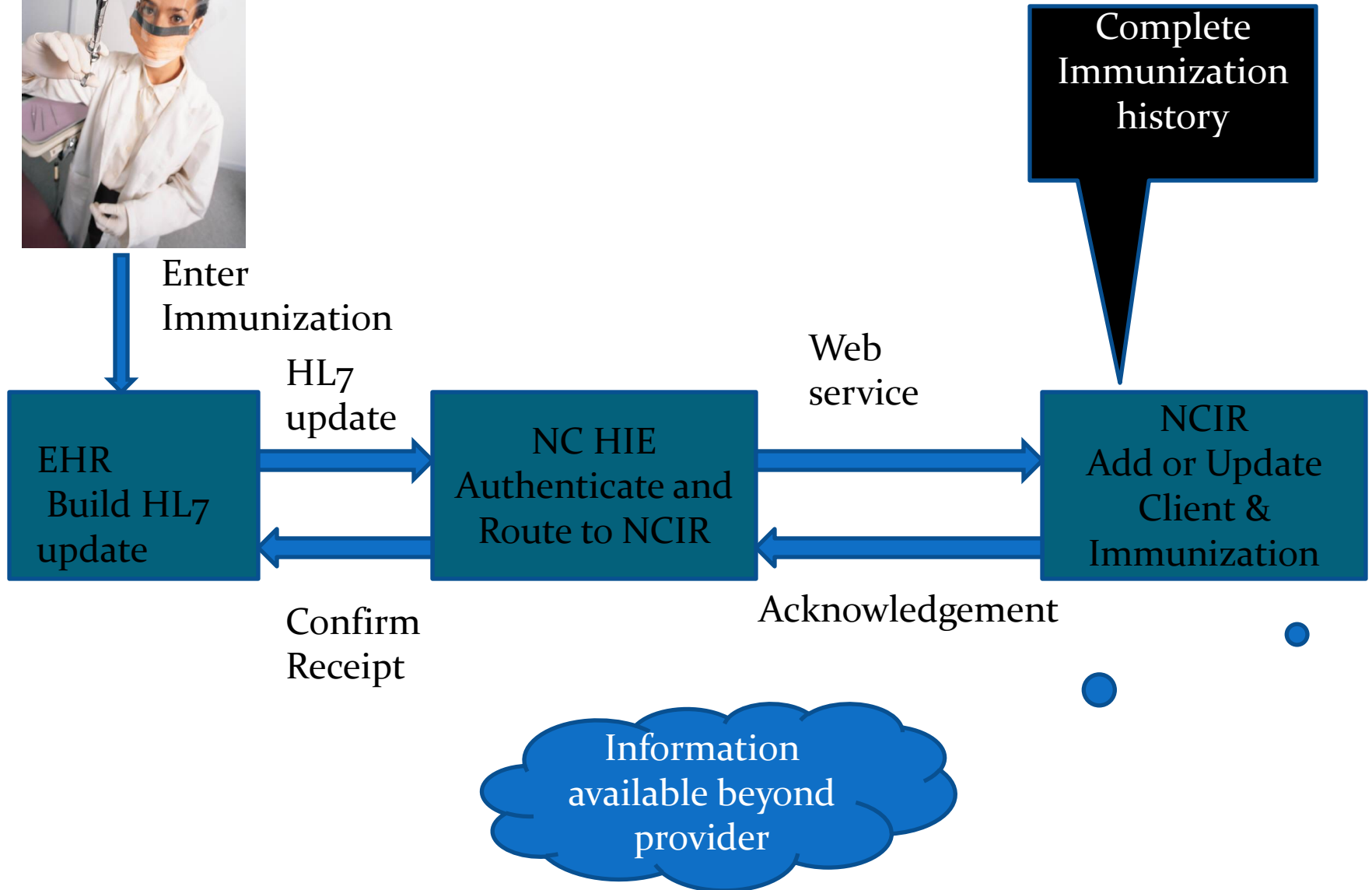
Real time Query response



Information from NCIR

- Up to date Immunization History
- Client demographic
- Contra-indications
- Parent refusals and Religious exemptions
- Recommendations – Based on ACIP and state law
 - Vaccine group recommended
 - Recommended date
 - Dose number in series

Real time Immunization update



Technical Details!

- Use of HL7 2.5.1 for communication
 - NCIR will publish Local Implementation guide
 - Explains message content for send and receive
 - Based on CDC IG standards and meet MU Stage2
- Use of web services for communication
 - NCIR will publish Transport specifications
 - Explains who both systems connect to exchange information.

Current status - NCIR

- Software deliverables
 - First release to begin pilot – By September
 - Future releases planned – January
- HIE Development
 - Ongoing and working towards pilot

Next Steps

- NCIR and HIE development – Ongoing
- Identify Pilot provider – Capability and Resources
- Enhance EHR system for state specific details and differences
- Perform on-boarding tests and make corrections
- Identify Pilot period and Monitor Pilot
- Document and apply lessons learned prior to wider rollout

Meaningful use for Immunization Registry

- Ongoing Submission of electronic data for immunizations is core set for both EP and EH.
- Steps – Web based portal planned
 - Registration with DPH
 - Invited to On-board
 - In the on-boarding process – Testing and Validation is in progress.
 - Waiting for invite to On-board
 - Respond within 30 days of written request from PHA
 - On-boarding process completed and ongoing submission achieved.

MU Timelines - Hospitals

- Eligible providers (EP):
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- (A) January 1, 2014 through March 31, 2014
- (B) April 1, 2014 through June 30, 2014
- (C) July 1, 2014 through September 30, 2014
- (D) October 1, 2014 through December 31, 2014
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- Eligible hospitals (EH)
- (A) October 1, 2013 through December 31, 2013
- (B) January 1, 2014 through March 31, 2014
- (C) April 1, 2014 through June 30, 2014
- (D) July 1, 2014 through September 30, 2014

NICR status

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